## UTILITY PATENT APPLICATION

TRANSMITTAL

370497-519A Attorney Docket No. Perrut First Inventor Device for Fractionating Mixtures

(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No. EV 228 615 557 US				
APPLICATION ELEMENTS	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application				
See MPEP chapter 600 concerning utility patent application content	ts. Washington, DC 20231				
Fee Transmittal Form (e.g., PTO/SB/17)  (Submit an original and a duplicate for fee processing)  Applicant claims small entity status. See 37 CFR 1.27.  Specification (preferred arrangement set forth below)  - Descriptive title of the invention - Cross Reference to Related Applications	<ul> <li>7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</li> <li>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</li> <li>a. Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:</li> </ul>				
<ul> <li>Statement Regarding Fed sponsored R &amp; D</li> <li>Reference to sequence listing, a table, or a computer program listing appendix</li> <li>Background of the Invention</li> <li>Brief Summary of the Invention</li> </ul>	i. CD-ROM or CD-R (2 copies); or i i. paper c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS				
Brief Description of the Drawings (if filed)  Detailed Description					
- Detailed Description - Claim(s) - Abstract of the Disclosure - Application harby incorporated by Tele  4. Drawing(s) (35 U.S.C. 113) [Total Sheets]	9. Assignment Papers (cover sheet & document(s)) 37 CFR 3.73(b) Statement (when there is an assignee) 11. English Translation Document (if applicable)				
5. Oath or Declaration [Total Pages]	1) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations				
a. Newly executed (original or copy)	13. Preliminary Amendment				
b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				
i. DELETION OF INVENTOR(S)  Signed statement attached deleting inventor(s)	Certified Copy of Priority Document(s) (if foreign priority is claimed)				
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.				
6. Application Data Sheet, See 37 CFR 1.76	17. Other:				
18. If a CONTINUING APPLICATION, check appropriate box, and s or in an Application Data Sheet under 37 CFR 1.76:	supply the requisite information below and in a preliminary amendment,				
Continuation Divisional Continuation-in-part (CI	IP) of prior application No.: 09 / 980,345				
Prior application information: Examiner Menon. Krishnan	Group Art Unit: 1723				
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.					
19. CORRESPON	NDENCE ADDRESS				
Customer Number or Bar Code Label 25561	or Correspondence address below				
Name					
Address					
City	State Zip Code				
Country 7	Telephone Fax				
Name (Print/Type) Arthur E. Jackson	Registration No. (Attorney/Agent) 34,354				
Signature E fac					
Burden Hour Statement: This form is estimated to take 0.2 hours to complete, he amount of time you are required to complete this form should be sent to	Time will vary depending upon the needs of the individual case. Any comments of the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC				

trie amount or time you are required to complete this form shape be sent to the Chief information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

(a pendancy: The required extension of time (3 months) is being the filed cooccurrenty in the parent application.

## **DEPOSIT ACCOUNT COPY**

PTO/SB/17 (11-01) Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT	OF COMMERC'
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FEE TRANSMITTAL		Complete if Known				
FEE IRANS	WILLAL	Application Number	Unknown			
for EV 2	000	Filing Date	August 20, 2003			
for FY 2		First Named Inventor	Perrur			
Patent fees are subject to ar		Examiner Name	Unknown			
Applicant claims small entity status. See 37 CFR 1.27		Group Art Unit	Unknown			
TOTAL AMOUNT OF PAYMENT	(\$) 750.00	Attorney Docket No.	370497-519A			

METHO	METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued)			E CALCULATION (continued)	-			
Check [	Credit card	Money Other None	3. ADDITIONAL FEES					
Deposit /	Account:	Order Control	Large Entity Small Entity					
Deposit /			Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Account Number	04-048	0	Cod 105	e (\$) 130	205	le (\$) 65	Surcharge - late filing fee or oath	
Deposit							<u> </u>	
Account Name		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		
The Commissioner is authorized to: (check all that apply)		139	130	139	130	Non-English specification		
	(s) indicated be		147	2,520	147	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) during the pendency of this application		112	920*	112	920*	Requesting publication of SIR prior to		
	Charge fee(s) indicated below, except for the filing fee						Examiner action	
to the aboveidentified deposit account.		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		
		ALCULATION	115	110	215	55	Extension for reply within first month	
1. BASIC FI			116	400	216	200	Extension for reply within second month	ļ
Large Entity Fee Fee	Fee Fee	Fee Description Fee Paid	117	920	217	460	Extension for reply within third month	
Code (\$)	Code (\$)		118	1,440	218	720	Extension for reply within fourth month	
101 740	201 370 206 165	Utility filing fee 750.00  Design filing fee	128	1,960	228	980	Extension for reply within fifth month	
106 330	206 165 207 255	Plant filing fee	119	320	219	160	Notice of Appeal	<u> </u>
107 510	207 255	Reissue filing fee	120	320	220	160	Filing a brief in support of an appeal	ļ
114 160	108 740 208 370 Reissue lilling lee		Request for oral hearing	<u> </u>				
114 100			138	1,510	138	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 750.00		140	110	240	55	Petition to revive - unavoidable		
2. EXTRA (	CLAIM FEE	S FOR UTILITY AND REISSUE	141	1,280	241	640	Petition to revive - unintentional	
		Extra Claims Fee from Fee Paid	142	1,280	242	640	Utility issue fee (or reissue)	
Total Claims	-20		143	460	243	230	Design issue fee	
Independent Claims	- 3	·· = × = 0.00	144	620	244	310	Plant issue fee	
Multiple Deper	ndent	=	122	130	122	130	Petitions to the Commissioner	<del></del>
			123	50	123	50	Processing fee under 37 CFR 1.17(q)	<b></b>
Large Entity Fee Fee	Small Entity Fee Fee	Fee Description	126	180	126	180	Submission of Information Disclosure Stmt	
Code (\$) 103 18	Code (\$) 203 9	Claims in excess of 20	581	40	581	40	Recording each patent assignment per property (times number of properties)	
102 84	202 42	Independent claims in excess of 3	146	740	246	370	70 Filing a submission after final rejection (37 CFR § 1.129(a))	
104 280	204 140	Multiple dependent claim, if not paid	149	740	249	370	For each additional invention to be	
109 84	209 42	** Reissue independent claims over original patent				-	examined (37 CFR § 1.129(b))	
110 18	210 9	** Reissue claims in excess of 20	179	740	279		Request for Continued Examination (RCE)	
1		and over original patent	169	169 900 169 900 Request for expedited examination		Request for expedited examination of a design application		
	SUI	(\$) 0.00	Othe	Other fee (specify)				
	e naviouale na	id if greater: For Reissues see ahove	*Re	duced b	y Ba	sic Filin	g Fee Paid SUBTOTAL (3) (\$) 0	.00

SUBMITTED BY	Complete (ii	Complete (if applicable)		
Name (PrintlType) Arthur E. Jacksen	Registration No. 34,354	Telephone	(609) 620-3254	
Signature Cla Etacles	1,000	Date	August 20, 2003	